



ATTACK THE NETWORK – DEFEAT THE DEVICE – TRAIN THE FORCE

## TRAIN THE FORCE

**Train the Force**, one of three mutually supporting lines of operation, is a critical component of the Joint Improvised Explosive Device Defeat Organization mission to defeat the improvised explosive device threat as a weapon of strategic influence.

The Joint Center of Excellence, or JCOE, is JIEDDO's lead organization for the train-the-force line of operation and is responsible for development of training capabilities to enable the services' and combatant commanders' mission of preparing U.S. forces to defeat the IED threat.

Led by JIEDDO's deputy director of training, the JCOE, located at the Army's National Training Center, Fort Irwin, Calif., facilitates individual, collective and unit counter-improvised explosive device training; enables the development and propagation of new tactics, techniques and procedures; and provides a venue for training and support the experimentation and testing of emerging counter-IED equipment and concepts.

The JIEDDO training enterprise provides battle staff training support to joint and service institutions and assists with development of joint and service counter-

**"The best IED detector is a well-trained warrior."**

— Lt. Gen. Michael Barbero, JIEDDO's director.

IED doctrine and tactics, techniques and procedures. The training enterprise has contributed significantly to the institutionalization of combat-proven counter-IED training capabilities, ensuring they will remain readily available to warfighters. Additionally, the training enterprise has been instrumental in addressing the immediate training needs of units preparing for combat deployments.

### TRAINING IS THE KEY

***Training is the only way to improve the best sensors on the battlefield — soldiers, sailors, airmen, and Marines.***

In support of this mission, JCOE's four subordinate centers of excellence are strategically located at high-throughput training locations across the country.

The Army Center of Excellence, also located at the National Training Center, supports Army fielding of new equipment and the integration of counter-IED training into corps, division and brigade combat team pre-deployment training. The Marine detachment, located at the Marine Corps Air Ground Combat Center, Twentynine Palms, Calif., supports Marine battalion and regimental combat team pre-deployment training. The Air Force Center of Excellence at Lackland Air Force Base, Texas, provides joint subject-matter experts in electronic warfare; intelligence, surveillance and reconnaissance; and military working dogs. The Navy Center of Excellence, located at the Naval Surface Warfare Center, Indian Head, Md., provides expertise in counter-radio-controlled IED electronic warfare, robotics, homemade explosives and explosive ordinance disposal.

The deputy director of training's top priority is to identify counter-IED training shortfalls in joint and service training and education curriculums, and develop, integrate and deliver relevant counter-IED training to overcome these shortfalls.



*Soldiers receive instruction using handheld detectors to discover places of potential concealment for IEDs.  
(Department of Defense photo)*



*An IED-awareness instructor briefs soldiers during IED-awareness training. The training is part of the reception, staging, onward movement and integration phase of the soldiers' deployment in support of Afghanistan operations. (U.S. Army photo by Sgt. Christopher Klutts)*

## PRE-DEPLOYMENT TRAINING

***Counter-IED-specific training prior to development is key to saving the lives of troops on the ground.***

JIEDDO works with U.S. Central Command and the services to improve implementation of counter-IED pre-deployment training guidance. To accomplish this, JCOE provides mobile training teams, manages the fielding of counter-IED training devices and equipment, supports exercise planning and execution and provides counter-IED enablers to service training events. JCOE also supports Combined Joint Task Force Paladin in Bagram, Afghanistan, by developing and providing mission-essential training to the forces deployed in the theater of operation.

Because the IED threat is constantly changing, the counter-IED fight is dynamic, and maintaining effectiveness remains an enduring requirement of training solution development. To meet this requirement, JCOE executes JIEDDO's lessons-learned program, conducting detailed debriefs of brigade and regimental combat team staffs at 90-day, mid-tour and post-deployment milestones. Additionally, JCOE heavily augments CJTF Paladin's training section with expert personnel who deliver a wide range of courses. A small team of JCOE personnel located in Afghanistan serves to gather lessons learned, assesses effectiveness of counter-IED equipment and provides oversight of JIEDDO's in-theater contract trainers.

## TAILORED TO MEET THE COUNTER-IED THREAT

***One size does not fit all — training and equipment are developed, delivered and tailored to the counter-IED threat.***

A consistent demand from deploying units has been for counter-IED equipment to conduct home-station training. The shift of U.S. operational focus from Iraq to Afghanistan required U.S. military forces to transition emphasis from vehicles, or mounted operations, to foot patrols, or dismounted operations. This created a need for increased training and equipping of service members with handheld and man-portable detection devices. To address this requirement, JIEDDO authorized funds for a dismounted surge capability equipment initiative designed to rapidly procure specific equipment supporting dismounted training operations at the services' home-station training sites and combat-training centers.

As a result, the services were rapidly provided the equipment warfighters would see and be expected to use in theater for training. They were also provided corresponding training scenarios, lane training programs and smart books to effectively employ the equipment in an operational environment. This



*Two Marines operate Thor and Minehound, two counter-IED detection devices. (U.S. Marine Corps photo)*



equipment significantly improved the proficiency of units deploying to Afghanistan.

JIEDDO-supported courses and exercises instruct and rehearse units in effective execution of attack-the-network operations, teaching commanders and staffs how to integrate counter-IED capabilities into operations. During the past two years, the JIEDDO training enterprise greatly improved the quality of attack-the-network training through exercise-design support and integration of counter-IED enablers. Units are shown how to identify, map and target insurgent and terrorist networks while positively influencing friendly and neutral populations and networks. These courses and the supporting exercises train battle staffs to integrate weapons technical intelligence, biometrics, a wide range of ISR capabilities, attack-the-network enablers and new analytical intelligence tools.

To be effective, pre-deployment training must accurately replicate the IED threat environment warfighters will face in the operational theater. JCOE course development has consistently focused on accurately replicating the multi-dimensional battlefield environment (tactical, physical and cultural) forces will face. Executing individual, collective and staff training in the most realistic environment possible is critical when developing effective doctrine, equipment and tactics, techniques and procedures against the IED threat.



*U.S. Marines examine the five components of an IED in the Mobile Counter-Improvised Explosive Device Interactive Trainer breakout trailer. (JIEDDO photo)*



*A replicated Afghan village (top) and homemade explosive lab (bottom) create a realistic environment to train and prepare warfighters for the operational theater. (JIEDDO photos)*

## TRAIN LIKE YOU FIGHT

***A primary goal of JIEDDO's training initiatives is to provide deploying forces with a virtual IED experience before they ever experience a real IED.***

To accomplish this, JIEDDO conducts and supports a wide range of live, virtual and constructive training programs, including onsite equipment training and exercise support, training videos, interactive simulation systems and smart books. These programs are designed to communicate mission-essential knowledge and skills to warfighters during pre-deployment training.

JIEDDO has transitioned to the services many direct-instruction courses taught to soldiers, sailors, Marines and airmen, while remaining heavily involved in supporting the service trainers and battle staffs in their counter-IED training areas of interest. Transitioned JCOE training courses that address enduring capabilities are being institutionalized into service doctrine and professional military education.

Along with the services, combat commands, U.S. interagency and partner nations, JIEDDO is developing a long-term, systematic process to identify, vet, action and resolve counter-IED training issues. To accomplish this, JIEDDO forged strong ties with U.S. Marine Corps' Training and Education Command; the U.S. Army's Forces Command and Training and Doctrine Command; U.S. Central Command; the Bureau of Alcohol, Tobacco and Firearms; the U.S. Department of Energy's national laboratories at Sandia and Los Alamos and NATO-sponsored counter-IED Center of Excellence. Bringing these partners together to pool resources and knowledge creates a synergy that optimizes counter-IED effectiveness, fiscal responsibility and overall support to the warfighter.

### ONGOING TRAINING SUPPORT

#### ***JIEDDO continues to develop solution to meet gaps in training and equipment***

Time and history continually reinforce the argument that training is critical to countering the IED threat. JIEDDO is working in cooperation with the services to ensure U.S. military forces, as well as allies and interagency partners, remain properly trained and prepared to defeat this enduring threat.



*Iraqi army soldiers with the 7th Iraqi Army Division use a remote arm to disassemble an IED during a training exercise at Al Asad Air Base, Iraq. The culminating training exercise. (U.S. Army photo by Pfc. Brian Chaney, 55th Combat Camera Company)*